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JUL 27 2001

TECH CENTER 1600/2900

SEQUENCE LISTING

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<120> PRION-BINDING LIGANDS AND METHODS OF USING SAME

<130> 18242-507

<140> 09/543,188

<141> 2000-04-05

<160> 39

<170> PatentIn Ver. 2.1

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<211> 8

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<223> Description of Artificial Sequence: Prion Protein
Amino Acid Sequence

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Gly Trp Gly Gln Pro His Gly Gly

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<211> 16

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Amino Acid Sequence

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<210> 3

<211> 6

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<223> Description of Artificial Sequence: Synthetic
Peptide Sequence

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Leu Leu Ile Trp Ile Pro
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Peptide Sequence

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Trp Leu Tyr Trp Ile Pro
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<213> Artificial Sequence

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Peptide Sequence

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Trp Glu Phe Tyr Trp Phe
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<210> 6

<211> 6

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Peptide Sequence

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Tyr Val Phe Asn Trp Tyr
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Peptide Sequence

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Leu Ala Trp Phe Trp Arg
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Peptide Sequence

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Gly Phe Phe Phe Trp Trp
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Peptide Sequence

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Peptide Sequence

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Leu Glu Ile Arg Leu Ala
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Leu Leu Leu Val Ile Ala

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Peptide Sequence

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Ser Leu Glu Glu Tyr Val

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Peptide Sequence

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Leu Arg Val Ile Ile Ser

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Peptide Sequence

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Gln Leu Gly His Gln Trp

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Peptide Sequence

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Ser Asn Tyr Gly Pro Tyr
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<400> 18
Pro Phe His Pro Gly
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Peptide Sequence

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Trp Ile Pro Pro Tyr Asn
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Trp Phe Pro His Phe Phe

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Ile Gln Ile Trp Ile Phe

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Leu Trp Trp Leu Phe Val

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<210> 23

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Ile Phe Phe Trp Ile Lys
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Peptide Sequence

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Arg Trp Ile Ile Ser Leu
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Peptide Sequence

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Gln Trp Trp Phe Ile Ile
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Peptide Sequence

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Val Phe Glu Tyr Ile Lys
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<210> 27
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Peptide Sequence

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Trp Leu Val Trp Ile Ala
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Peptide Sequence

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Tyr Trp Phe Ile Tyr Ile
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<210> 29
<211> 6
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Peptide Sequence

<400> 29
Thr Gly Ile Pro Ile Ile
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<210> 30
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Peptide Sequence

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His Lys Glu Gln Gly Ala
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<210> 31
<211> 5
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<223> Description of Artificial Sequence: Fragment of
Prion Protein Amino Acid Sequence

<400> 31
His Gly Gly Gly Trp
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<210> 32
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<223> Description of Artificial Sequence: Prion Protein
Copper Binding Amino Acid Motif

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His Gly Gly Gly
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<210> 33
<211> 16
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Repeated Amino Acid Sequence

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Pro His Gly Gly Gly Trp Gly Gln Pro His Gly Gly Gly Trp Gly Gln
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<210> 34
<211> 17
<212> PRT
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Retro-Inverso Amino Acid Sequence

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Asp Gly Gly His Pro Gln Gly Trp Gly Gly Gly His Pro Gln Gly Trp
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Gly

INS
B1
<210> 35
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Phe Leu Leu His Pro Ile
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<210> 36
<211> 6
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His His His Pro Gln Thr
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<210> 37
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Arg Tyr His Val Tyr Phe

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<210> 38

<211> 6

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<223> Description of Artificial Sequence: Prion Binding
Ligand Peptide Retro-Inverso Sequence

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Phe Ile Trp Ile Gln Ile

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<223> Description of Artificial Sequence: 3F4 Antibody
Recognized Prion Protein Peptide Sequence

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Met Lys His Met

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